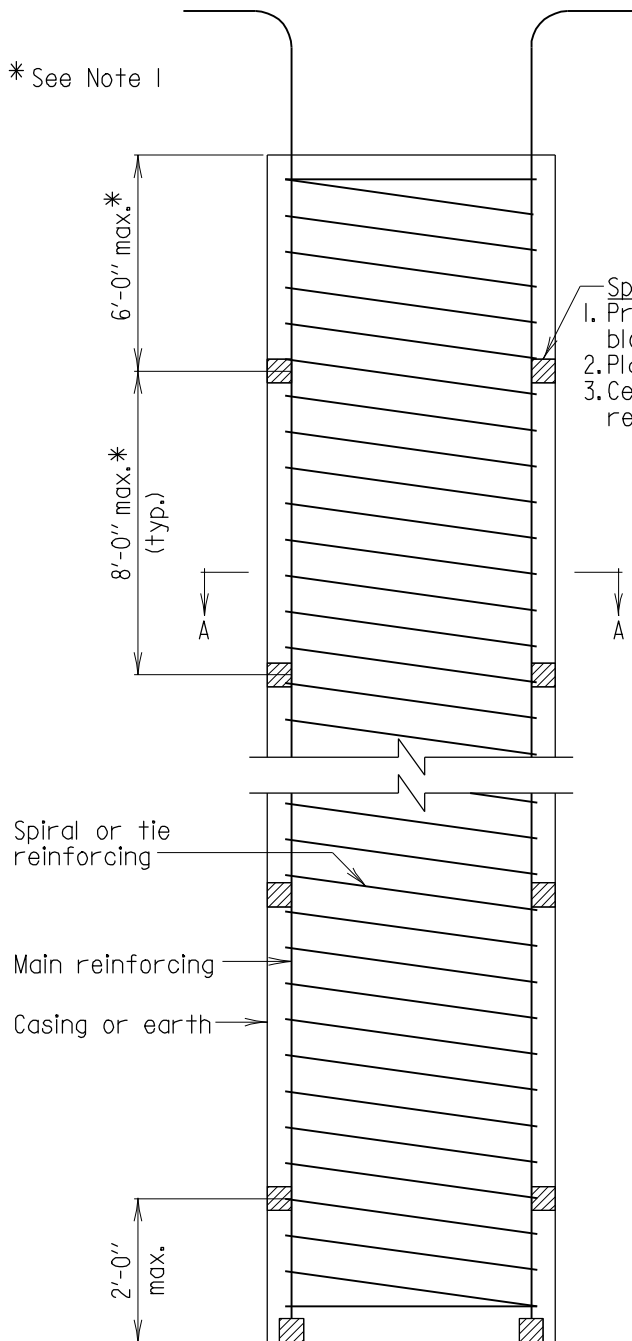
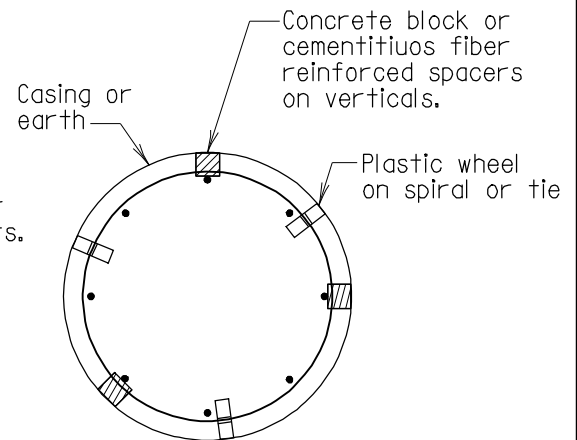


* See Note 1



Spacer types:
1. Precast concrete block
2. Plastic wheel
3. Cementitious fiber reinforced spacers.



SECTION A-A
Scale: $\frac{3}{8}'' = 1'-0''$

PILE OR CAISSON
Scale: $\frac{3}{8}'' = 1'-0''$

Notes:

1. The Contractor has the option of using any of the spacers shown for the reinforcement cage. The spacing of the spacers for proprietary items shall be as recommended by the manufacturer.
2. The pitch of spiral reinforcement must be considered for some wheel type spacers.
3. Concrete spacer blocks to be tied to main reinforcing with a double tie of #16 tie wire or equivalent.
4. For size and number of main reinforcing steel and size of spiral or tie reinforcing steel see other details elsewhere.
5. Use 3 spacers per horizontal plane for caissons less than 36" in diameter. Use 4 spacers per horizontal plane for caissons 36" in diameter and greater or as recommended by the manufacturer of the proprietary items.

APPROVAL	
<i>L. S. Friedman</i> DIRECTOR OFFICE OF BRIDGE DEVELOPMENT	
DATE: 11/14/95	
REVISIONS	
SHA	FHWA
8-7-98	.
.	.
FHWA APPROVAL	.
DATE:	.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

CAISSON/PILE REBAR CAGE
CLEARANCE SPACING DEVICES

STANDARD NO. BR-FD(0.13)-95-310

SHEET 1 OF 1